

Amendments to the Claims:

This listing of claims will replace all prior versions of claims in the application:

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (currently amended) ~~The portable device as recited in Claim 1~~ A unitary portable biometrics-based access control device which can be directly plugged into a universal serial bus (USB) socket communicatively coupled to a restricted resource, the device comprising:
 - a housing;
 - a microprocessor housed within the housing;
 - a non-volatile memory coupled to the microprocessor and capable of storing user data
 - and having a minimum of 8 MB of capacity;
 - a USB plug integrated into the housing without an intervening cable and capable of
 - coupling the unitary portable access control device directly to the USB socket;
 - and
 - a biometrics-based authentication module coupled to and controlled by the
 - microprocessor, at least a portion of the biometrics-based authentication module
 - being housed within the housing, wherein said biometrics-based authentication

module is configured to grant access to the restricted resource provided that the
biometrics-based authentication module authenticates the user's identity and
wherein access to the restricted resource is denied to the user otherwise; and
further wherein
said biometrics-based authentication module is configured to grant access to the user data
stored in the non-volatile memory provided that the biometrics-based
authentication module authenticates the user's identity and wherein access to the
user data stored in the non-volatile memory is denied to the user otherwise,
wherein the microprocessor is configured to provide a bypass mechanism for
authentication upon a determination of authentication failure by the biometrics-
based authentication module.

7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)

16. (currently amended) ~~The biometrics-based access control system as recited in Claim 11~~

A biometrics-based access control system for controlling access to a restricted resource,

comprising:

a portable device which can be directly plugged into a universal serial bus (USB) socket

communicatively coupled to the restricted resource and which includes

a housing;

a non-volatile memory housed within the housing and having a minimum of 8

MB of capacity;

a USB plug integrated into the housing without an intervening cable and capable

of coupling the portable device directly to the USB socket; and

a biometrics-based authentication module coupled to the non-volatile memory,

wherein the biometrics-based authentication module is configured to (1) capture a first

biometrics marker, (2) store the first biometrics marker in the non-volatile

memory; (3) capture a second biometrics marker; and (4) determine whether the

second biometrics marker can be authenticated against the first biometrics marker,

and wherein access to the restricted resource is granted upon a determination of

successful authentication and wherein access to the restricted resource is denied

otherwise,

wherein a bypass mechanism for authentication is provided upon a determination of

authentication failure by the biometrics-based authentication module.

17. (canceled)

18. (canceled)

19. (canceled)
20. (canceled)
21. (currently amended) ~~The biometrics-based access control method as recited in Claim 17~~
A biometrics-based access control method for controlling access to a restricted resource
and implemented using a portable device, the method comprising the steps of:
- (a) directly plugging the portable device into a universal serial bus (USB) socket
communicatively coupled to the restricted resource, wherein the portable device
includes a housing; a memory having a minimum of 8 MB of capacity; a
biometrics sensor; and a USB plug integrated into the housing without an
intervening cable and capable of coupling the portable device directly to the USB
socket;
 - (b) obtaining a first biometrics marker from a user with the biometrics sensor of the
portable device;
 - (c) retrieving a registered biometrics marker from the memory of the portable device,
the registered biometrics marker having been stored therein during a registration
process;
 - (d) comparing the first biometrics marker against the registered biometrics marker;
and
 - (e) granting the user access to the restricted resource provided that a match is
identified in said step (d), and
- ~~further comprising the step of providing the user with a bypass authentication procedure~~
provided that a match is not identified in said step (d).

22. (canceled)
23. (canceled)
24. (canceled)
25. (canceled)
26. (canceled)
27. (canceled)